



North Dakota

# FARM REPORTER

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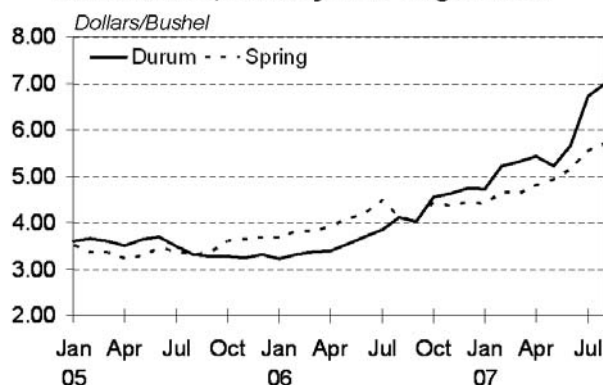
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## AGRICULTURAL PRICES

**N**orth Dakota  
The Index of Prices Received for All Farm Products in August is 167 percent of the 1990-1992 base.

This is up 28 percent from last year and 50 percent above two years ago. The All Crops Index, at 186 percent of the base, is up 39 percent from August 2006 while the All Livestock and Products Index, at 109 percent, is down 6 percent from last year. August indexes are calculated using preliminary mid-month prices.

**Durum & Spring Wheat: Prices Received North Dakota, January 2005-August 2007**



**Prices Received by Farmers North Dakota and United States, August 2007**

Item	Unit	North Dakota			United States			Effective U.S. Parity Price Aug 2007
		Entire Month		Preliminary	Entire Month		Preliminary	
		Aug 2006	July 2007	Aug 2007	Aug 2006	July 2007	Aug 2007	
		Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Wheat, All	Bu	4.10	5.68	5.87	3.91	5.17	5.85	11.00
Durum	Bu	4.11	6.72	7.00	4.09	6.55	6.96	NA
Spring	Bu	4.11	5.54	5.70	4.11	5.44	5.73	NA
Winter	Bu	3.72	5.11	5.40	3.77	5.14	5.85	NA
Corn	Bu	1.89	3.27	3.10	2.09	3.32	3.17	8.10
Oats	Bu	1.59	2.06	2.00	1.67	2.33	2.25	4.54
Barley, All	Bu	2.23	3.26	3.33	2.70	3.45	3.57	7.64
Feed	Bu	1.56	3.13	3.15	2.06	3.22	3.65	NA
Malting	Bu	2.46	3.30	3.40	2.97	3.48	3.53	NA
Sunflower, All	Cwt	12.40	18.20	18.40	12.40	18.40	18.40	35.00
Oil	Cwt	10.80	17.90	18.00	NA	NA	NA	NA
Non-oil	Cwt	15.40	18.70	19.20	NA	NA	NA	NA
Baled Hay, All <sup>1/</sup>	Ton	64.00	56.00	53.00	106.00	131.00	132.00	NA
Alfalfa <sup>1/</sup>	Ton	69.00	58.00	58.00	109.00	137.00	137.00	NA
Other <sup>1/</sup>	Ton	50.00	40.00	41.00	96.20	113.00	118.00	NA
Canola	Cwt	10.50	14.70	15.10	NA	14.50	15.10	28.90
Flaxseed	Bu	5.50	8.14	8.40	5.50	8.14	8.40	17.70
Soybeans	Bu	5.01	7.17	7.15	5.23	7.56	7.49	17.90
Dry Edible Beans, All	Cwt	17.10	22.80	22.00	19.50	28.50	26.40	57.40
Navy	Cwt	17.80	22.70	NA	NA	NA	NA	NA
Pinto	Cwt	16.50	22.80	NA	NA	NA	NA	NA
Potatoes, All	Cwt	6.05	5.95	<sup>2/</sup>	8.23	8.48	7.98	17.30
Fresh <sup>3/</sup>	Cwt	8.15	<sup>2/</sup>	NA	14.54	11.33	NA	NA
Processing	Cwt	5.50	5.95	NA	5.26	6.36	NA	NA
Beef Cattle	Cwt	88.10	68.40	80.20	87.20	89.20	90.50	214.00
Steers & Heifers	Cwt	109.00	95.00	97.00	91.50	93.10	94.40	NA
Cows	Cwt	47.40	54.00	55.00	46.80	51.40	51.50	NA
Calves	Cwt	136.00	122.00	122.00	136.00	127.00	129.00	308.00
Sheep	Cwt	30.00	26.00	NA	27.90	28.70	NA	103.00
Lambs	Cwt	100.00	102.00	NA	95.40	98.60	NA	251.00
Hogs	Cwt	51.20	53.10	NA	51.60	52.20	53.20	123.00

<sup>1/</sup> Alfalfa, other and all hay are preliminary prices only. <sup>2/</sup> Insufficient sales to establish a price. <sup>3/</sup> Fresh market prices only, includes table stock. NA=Not applicable.

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701-239-5306 • E-mail: nass-nd@nass.usda.gov • Internet: [http://www.nass.usda.gov/Statistics\\_by\\_State/North\\_Dakota/](http://www.nass.usda.gov/Statistics_by_State/North_Dakota/)

## AGRICULTURAL PRICES (Continued)

### United States

The August All Farm Products Index is 139 percent of its 1990-92 base, down 1 percent from the July index but 17 percent above the August 2006 index. The All Crops Index is 139, down 1 percent from July but 11 percent above August 2006. The Livestock and Products Index, at 139, is 1 percent below last month but up 22 percent from August 2006.

#### Index Numbers of Farm Prices North Dakota and United States, August 2007

Indexes and Ratios	North Dakota			United States		
	Aug 2006	July 2007	Aug 2007	Aug 2006	July 2007	Aug 2007
<b>Prices Received</b>	(1990-92 = 100)					
All Farm Products	130	147	167	119	141	139
Crops	134	159	186	125	141	139
Food Grains	156	201	223	131	172	191
Feed Grains & Hay	126	153	182	107	154	150
Oil Bearing Crops <sup>1/</sup>	102	140	150	94	136	134
Potatoes & Dry Beans <sup>2/</sup>	111	108	120	137	146	137
Livestock and Products	116	107	109	114	140	139
Meat Animals	120	108	110	119	120	122
Dairy Products	100	103	100	92	166	166
Other Livestock Products <sup>3/</sup>	112	112	112	123	157	153
<b>Prices Paid</b>	NA	NA	NA	149	158	158
<b>Ratio <sup>4/</sup></b>	NA	NA	NA	80	89	88

1/ Includes non-oil sunflower. 2/ North Dakota includes sugarbeets. 3/ United States excludes wool. 4/ Ratio of Index of Prices Received to Index of Prices Paid. NA=Not applicable.

## MARKETING YEAR AVERAGE PRICES

### North Dakota

The 2006 Marketing Year Average (MYA) prices for wheat, oats, barley and hay were higher than their 2005 MYA prices. Spring wheat increased 85 cents from 2005 to \$4.49 per bushel. Feed barley increased 89 cents from 2005 to \$2.39 per bushel. All hay, at \$64.00 per ton, increased \$12.00 from 2005.

#### Small Grains and Hay: Marketing Year Average Prices North Dakota and United States, 2005-2006

Item	Unit	North Dakota		United States	
		2005	2006	2005	2006
		Dollars/Unit	Dollars/Unit	Dollars/Unit	Dollars/Unit
Wheat, All	Bu	3.55	4.50	3.42	4.26
Spring	Bu	3.64	4.49	3.66	4.46
Durum	Bu	3.36	4.58	3.46	4.43
Winter	Bu	2.79	4.12	3.32	4.17
Rye <sup>1/</sup>	Bu			3.30	3.32
Oats	Bu	1.55	1.84	1.63	1.87
Barley, All	Bu	1.99	2.65	2.53	2.85
Feed	Bu	1.50	2.39	1.87	2.59
Malting	Bu	2.21	2.76	2.80	2.98
Hay, All	Tons	52.00	64.00	98.20	110.00
Alfalfa	Tons	55.00	69.00	104.00	113.00
Other	Tons	38.00	49.00	81.40	103.00

1/ Published at U.S. level only.

## FARM PRODUCTION EXPENDITURES

### Plains Region

Farm production expenditures for the Plains Region totaled \$52.5 billion in 2006, up 6.6 percent from 2005. The Plains Region includes Kansas, Nebraska, North Dakota, Oklahoma, South Dakota, and Texas. Nationally, farm production expenditures increased 5.4 percent from 2005. Livestock, poultry and related expenses, which was the largest expenditure in the Plains, increased 24.0 percent. Decreases in expenditures were reported in agricultural

chemicals, down 1.7 percent; labor, down 1.9 percent; farm supplies and repairs, down 3.5 percent; tractors and self-propelled farm machinery, down 18.8 percent; other farm machinery, down 7.0 percent; trucks and autos, down 20.0 percent. All other expense categories for Plains operations showed an increase from 2005. The largest increase in expenditures for the Plains operation was for taxes, up 14.4 percent from 2005.

#### Farm Production Expenditures: Plains and United States, 2005-2006

Expenditure-Farm Share	Plains (KS, NE, ND, OK, SD AND TX)						United States <sup>1/</sup>				
	Average Per Farm <sup>2/</sup>		Total Expenditures			2006 % of Total	Average Per Farm <sup>2/</sup>		Total Expenditures		
	2005	2006	2005	2006	2006 % of Total		2005	2006	2005	2006	2006 % of Total
	Dollars	Dollars	Mil Dollars	Mil Dollars	Pct		Dollars	Dollars	Mil Dollars	Mil Dollars	Pct
Total Farm Production Expenditures <sup>3/</sup>	101,006	107,919	49,210	52,470	100.0		106,423	112,788	222,940	235,010	100.0
Livestock, Poultry & Related Expenses	17,816	22,131	8,680	10,760	20.5		10,311	12,094	21,600	25,200	10.7
Feed	11,084	12,423	5,400	6,040	11.5		13,366	14,638	28,000	30,500	13.0
Farm Services	11,843	11,991	5,770	5,830	11.1		14,130	14,974	29,600	31,200	13.3
Rent	8,580	9,214	4,180	4,480	8.5		8,163	8,783	17,100	18,300	7.8
Agricultural Chemicals	3,571	3,517	1,740	1,710	3.3		4,201	4,223	8,800	8,800	3.7
Fertilizer, Lime & Soil Conditioners	5,911	6,232	2,880	3,030	5.8		6,110	6,383	12,800	13,300	5.7
Interest	4,392	4,792	2,140	2,330	4.4		4,630	5,135	9,700	10,700	4.6
Taxes (Real Estate & Property)	4,002	4,587	1,950	2,230	4.3		3,819	4,319	8,000	9,000	3.8
Labor	5,480	5,389	2,670	2,620	5.0		11,457	11,902	24,000	24,800	10.6
Fuels	5,255	5,697	2,560	2,770	5.3		4,821	5,231	10,100	10,900	4.6
Farm Supplies & Repairs	5,316	5,142	2,590	2,500	4.8		6,015	6,383	12,600	13,300	5.7
Farm Improvements & Construction	5,172	5,450	2,520	2,650	5.1		6,062	6,095	12,700	12,700	5.4
Tractors and Self-Propelled Farm Machinery	3,920	3,188	1,910	1,550	3.0		4,058	3,503	8,500	7,300	3.1
Other Farm Machinery	2,053	1,913	1,000	930	1.8		1,957	1,824	4,100	3,800	1.6
Seeds & Plants	3,859	4,031	1,880	1,960	3.7		4,965	5,279	10,400	11,000	4.7
Trucks & Autos	2,668	2,139	1,300	1,040	2.0		2,244	1,920	4,700	4,000	1.7

1/ Excludes AK and HI. 2/ Total expenditures divided by total number of farms. 3/ Total includes miscellaneous production expenses not allocated to any of the 16 expense categories published. Therefore, the sum of individual expenditure items will not add to totals.

## EARLY SEASON CUSTOM RATES

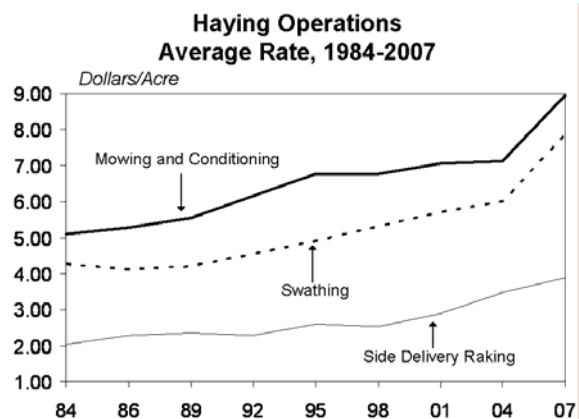
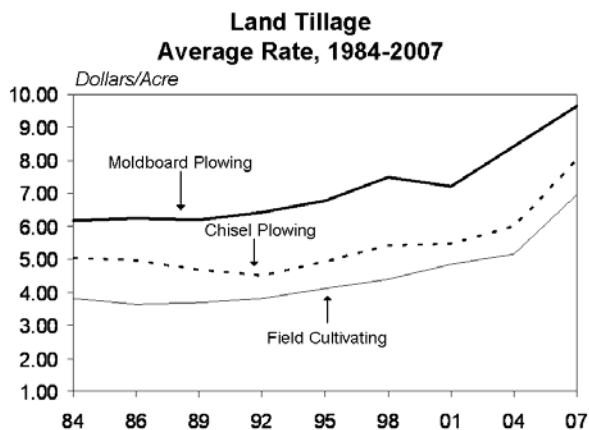
### North Dakota

The custom rates information was selected from *Part I* of the *Custom Rates* release published in August 2007. A complete report may be obtained by contacting the USDA, National Agricultural Statistics Service, North Dakota Field Office at 1-800-626-3134 or on our website at [http://www.nass.usda.gov/Statistics\\_by\\_State/North\\_Dakota/](http://www.nass.usda.gov/Statistics_by_State/North_Dakota/). This report is the result of a survey conducted during July and August of aerial sprayers, farmers/ranchers and other custom operators. The survey was designed to provide state and regional averages for custom work rates.

Appreciation is expressed to all survey participants who provided the data for this report. Funding was provided by the North Dakota State University Experiment Station and Extension Service.

Listed are state level custom work rates for selected land tillage, planting, fertilizer and pesticide application, haying operations and other custom work. The rates reported are averages, not estimates. They include charges for equipment, power, fuel and the operator. Exchange work is not considered custom work for this survey.

A late season custom rates survey (Part II) will be conducted in September and October. It will collect data on harvesting, grain drying, crop and hay hauling and other miscellaneous custom rates. This information will be released in December.



### HISTORICAL DATA, STATEWIDE AVERAGES, NORTH DAKOTA, 1984 - 2007

Operation	1984	1986	1989	1992	1995	1998	2001	2004	2007
	\$/Acre	\$/Acre	\$/Acre	\$/Acre	\$/Acre	\$/Acre	\$/Acre	\$/Acre	\$/Acre
<b>Plowing (Moldboard)</b>	6.18	6.25	6.19	6.43	6.78	7.48	7.22	8.44	9.65
<b>Chisel Plowing</b>	5.03	4.96	4.68	4.51	4.93	5.41	5.47	5.99	8.01
<b>Field Cultivation</b>	3.81	3.63	3.70	3.81	4.13	4.40	4.85	5.15	6.96
<b>Small Grain Drilling</b>									
Regular, With Fertilizer	4.54	4.78	4.76	5.28	6.00	6.48	7.30	7.95	10.32
Regular, Without Fertilizer	4.40	4.44	4.53	4.76	5.44	6.27	6.38	7.18	9.53
Air Seeding <sup>1</sup>	4.82	5.46	5.27	6.29	7.36	7.92	8.50	9.49	11.46
No-Till Drilling <sup>1</sup>	6.19	7.06	7.08	8.02	8.60	9.00	9.19	10.26	12.14
<b>Fertilizer Application</b>									
Dry Fertilizer (Broadcast)	2.44	2.29	2.42	2.66	2.95	3.27	3.64	3.87	4.54
Liquid Fertilizer	3.23	3.10	3.18	3.33	3.44	3.70	4.49	4.42	5.35
Anhydrous Ammonia									
With Knife Applicator	4.20	4.35	4.14	4.16	4.66	5.11	5.33	6.12	7.62
While Chiseling	4.95	4.90	4.92	5.09	5.38	5.79	6.32	6.61	8.76
<b>Ground Application of:</b>									
Liquid Herbicides (Broadcast)	2.19	2.02	2.21	2.48	2.85	3.32	3.89	4.07	4.69
Liquid Insecticides (Broadcast)	2.23	2.27	2.37	2.65	2.88	3.38	3.93	4.11	4.77
<b>Haying</b>									
Mowing and Conditioning	5.10	5.28	5.55	6.15	6.77	6.76	7.06	7.14	8.95
Swathing	4.26	4.11	4.21	4.53	4.89	5.31	5.72	6.01	7.88
Raking	2.04	2.28	2.36	2.29	2.60	2.54	2.90	3.47	3.88
<b>Post Holes</b>									
Digging	\$/Hole	\$/Hole	\$/Hole	\$/Hole	\$/Hole	\$/Hole	\$/Hole	\$/Hole	\$/Hole
	1.65	1.96	1.71	1.90	1.82	2.38	2.49	2.64	4.60

<sup>1</sup> Without Fertilizer

# EARLY SEASON CUSTOM RATES (Continued)

## OTHER CUSTOM WORK, STATEWIDE AVERAGES, NORTH DAKOTA, 2007

Operation	2007				2004 Average Rate	2007 as Percent of 2004
	Number of Reports	Range in Rates	Most Frequent Rate Reported	Average Rate		
	<i>Number</i>	<i>\$/Head</i>	<i>\$/Head</i>	<i>\$/Head</i>	<i>\$/Head</i>	<i>Percent</i>
<b>Branding Calves</b>	56	0.50- 7.00	1.00	2.13	1.71	125
<b>Shearing Sheep</b>	59	0.70- 5.00	2.50	2.69	2.33	115
<b>Custom Feeding Livestock</b>		<i>\$/Head/Day</i>	<i>\$/Head/Day</i>	<i>\$/Head/Day</i>	<i>\$/Head/Day</i>	
Weaned Calves	106	0.30- 6.00	1.00	1.27	1.23	103
Yearlings and Cull Cows	100	0.35- 5.00	1.00	1.37	1.42	96
Wintering Pregnant Beef Cows	123	0.47- 4.00	1.00	1.34	1.48	91
Calving Out Cows	80	0.33- 10.00	1.00	1.95	2.17	90
<b>On-Farm Feed Grinding &amp; Mixing</b>		<i>\$/Ton</i>	<i>\$/Ton</i>	<i>\$/Ton</i>	<i>\$/Ton</i>	
Mobile Truck	26	2.50- 30.00	5.00	11.50	16.07	72
PTO Unit	24	0.50- 80.00	5.00	17.64	12.13	145
<b>Tub Grinding Hay</b>		<i>\$/Hour</i>	<i>\$/Hour</i>	<i>\$/Hour</i>	<i>\$/Hour</i>	
Farmer Supplies Power	22	10.00-150.00	50.00	77.00	63.93	120
Power Supplied	68	25.00-200.00	125.00	107.43	89.76	120
Self Contained Unit	217	45.00-250.00	100.00	120.44	95.74	126
<b>Pneumatic Handling of Grain</b>	214	<i>\$/Bushel</i>	<i>\$/Bushel</i>	<i>\$/Bushel</i>	<i>\$/Bushel</i>	
		0.01-0.60	0.05	0.10	0.08	125
<b>Post Hole Digging</b>		<i>\$/Hole</i>	<i>\$/Hole</i>	<i>\$/Hole</i>	<i>\$/Hole</i>	
Digging	87	0.50-20.00	5.00	4.60	2.64	174
<b>Building Multi-Strand Wire Fence</b> (No Supplies Included)		<i>\$</i>	<i>\$</i>	<i>\$</i>	<i>\$</i>	
Per Rod	38	1.00-38.40	8.00	8.94	6.28	142
Per Hour	42	8.00-80.00	15.00	23.71	15.51	153
<b>Loader Work</b>		<i>\$/Hour</i>	<i>\$/Hour</i>	<i>\$/Hour</i>	<i>\$/Hour</i>	
Skid-Steer Loader	292	8.00-125.00	50.00	44.29	36.07	123
Tractor Loader	211	2.00-120.00	50.00	44.82	38.22	117
Industrial Loader	269	15.00-150.00	75.00	75.52	65.26	116

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